

Message Text

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DRAFTECD BY NASA I TERSTRIBLING

APPROVED BY SCI SAM WACHAPIN

NASA I JRMORRISON DRAFT EUR NE EFLEISHER

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FM SECSTATE WASHDC

TO AMEMBASSY REYKJAVIK

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FOR SCIATT

EO 11652 NA

TAGS TSPA

SUBJ FLIGHT REQUEST FOR MAPPING GEOTHERMAL AND

VOLCANIC AREAS OF ICELAND BY NASA AIRCRAFT

1. IN SUPPORT OF UNCLASSIFIED USDI-USGS EARTH RESOURCES TECHNOLOGY SATELLITE (ERTS) PROJECT ENTITLED "GEOLOGICAL AND GEOPHYSICAL REMOTE SENSING OF ICELAND", NASA HAS BEEN REQUESTED BY THE USGS TO PROVIDE SURVEY AIRCRAFT FOR MAPPING OF GEOTHERMAL AND VOLCANIC AREAS OF ICELAND. OBJECTIVE IS TO OBTAIN COLOR, COLOR INFRARED AND THERMAL INFRARED IMAGERY OF GEOTHERMAL AND VOLCANIC AREAS TO PROVIDE A BASIS FOR COMPARING PREVIOUS AIRCRAFT AND SATELLITE IMAGERY AND SNOW-MELT PATTERNS FROM THE EARTH RESOURCES TECHNOLOGY SATELLITE (ERTS-1). DATA OBTAINED WILL BE AVAILABLE TO GOI.

2. EXACT DEPARTURE TIME FROM CONTINENTAL U.S. OF NASA 927 EARTH SURVEY-1 AIRCRAFT HAS NOT YET BEEN ESTABLISHED BUT TARGET DATE IS AUG 14 WITH RETURN FLIGHT BETWEEN AUG 23 AND SEPT 1, 1973. FLIGHT MAPPING ACTIVITY
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HAS BEEN SCOPED FOR AN APPROXIMATE 10 DAY PERIOD.

AIRCRAFT WOULD STAGE FROM KEFLAVIK NAVAL AIR STATION.

3. U.S. PRINCIPAL INVESTIGATOR IS DR RICHARD WILLIAMS,
U.S.G.S. THE SIX ICELANDIC CO-INVESTIGATORS ARE:
DR SIGURDUR THORARINSSON, UNIVERSITY OF ICELAND
DR GUDMUNDUR PALMASON, NATIONAL ENERGY AUTHORITY
MR. SIGURJON RIST, NATIONAL ENERGY AUTHORITY
MR HLYNUR SIGTRYGGSSON, ICELANDIC METEROLOGICAL OFFICE
MR INGIVITH ORSTEINSSON, AGRICULTURAL INSTITUTE OF ICELAND
DR STURLA FRIDRIKSSON, AGRICULTURAL INSTITUTE OF ICELAND

5. THE ICELANDIC PROJECT COORDINATOR IS: PROJECT
ENGINEER DR VILHJALMUR LUDVIKSSON, RANNSOKNARAD
RIKISINS (THE NATIONAL RESEACH COUNCIL OF ICELAND),
LAUGAVEGUR 13, REYKAVIK, ICELAND.

5. PERSONNEL TO BE ON BOARD AIRCRAFT ARE
WILLIAM E. FENNER, MISSION MGR., NASA
ALLEN L. MANSON, AIRCRAFT CDR., PILOT
FRANK J. MARLOW, CO PILOT, NASA
JOHN D. COLLINS, FLIGHT ENGR NASA
THOMAS A WHITE, FLIGHT ENGR NASA
CLARENCE P. STANLEY, AEREAL PHOTOGRAPHER, NASA
TERRY N. SLEZAK, AEREAL PHOTOGRAPHER NASA
PAUL D. NERING, SENSOR OPERATOR NASA
STUART W. LAW, SENSOR OPERATOR, PHILCO/FORD CORP
BERNARD R. BRABAND, SENSOR OPERATOR, PHILCO/FORD CORP
STEVE C. RUIZ, SENSOR OPERATOR, LOCKHEED ELECTRONICS
MAX N. HERRIDGE, SYSTEMS MANAGER, LOCKHEED ELECTRONICS
GERALD R. WILLIAMS, SENSOR ENGINEER, LOCKHEED ELECTRONICS
RANSON D. REYNOLDS, SENSOR ENGINEER, LOCKHEED ELECTRONICS
JOHN E. HENDRICKSON, SENSOR ENGINEER, LOCKHEED ELECTRONICS
CARL LINZ, SENSOR ENGINEER, LOCKHEED ELECTRONICS
BACK-UP PERSONNEL:
LAURENCE K. GAVENTA, BACK-UP PILOT, NASA
LAURENCE D. BLACKSHEAR, BACK-UP FLIGHT ENGINEER, NASA
ARMAND H. LUCERO, BAK-UP PILOT, NASA

6. NASA UNDERSTANDS THAT THE GOVERNMENT OF ICELAND
MAY BE SUBMITTING A REQUEST FOR THE PARTICIPATION OF
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THE NASA EARTH SURVEY AIRCRAFT IN THIS PROJECT.

7. IT IS REQUESTED THAT THE EMBASSY OBTAIN GOI APPROVAL
TO CONDUCT THIS MISSION.
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Message Attributes

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